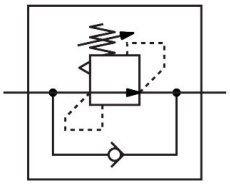
# Differential pressure regulator
# LRL-3/8-QS-12

Part number: 153520





## Data sheet

| Feature | Value |
|---|---|
| Controller function | Constant differential pressure<br>With return flow characteristic |
| Pneumatic connection 1 | R3/8 |
| Pneumatic connection 2 | QS-12 |
| Type of mounting | Screw-in |
| Nominal flow rate, open | 438 l/min |
| Pressure regulation range | 2 bar...6 bar |
| Inlet pressure 1 MPa | 0 MPa...0.9 MPa |
| Inlet pressure 1 | 0 bar...9 bar |
| Inlet pressure 1 psi | 0 psi...130.5 psi |
| Ambient temperature | 0 °C...60 °C |
| Housing material | PBT-reinforced |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| Actuator lock | Counter-locking |
| Mounting position | Any |
| Structural design | Directly controlled piston regulator<br>with continuous compressed air supply |
| Nominal flow rate, closed | 379 l/min |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Product weight | 78 g |
| Material of screwed plug | Brass, nickel-plated |
| Note on materials | RoHS compliant |
| Material of threaded seal | PTFE |